

=====

Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: [year=2009; month=10; day=15; hr=11; min=16; sec=25; ms=214;
]

=====

Application No: 10582327

Version No: 2.0

Input Set:

Output Set:

Started: 2009-09-29 19:53:31.668

Finished: 2009-09-29 19:53:58.061

Elapsed: 0 hr(s) 0 min(s) 26 sec(s) 393 ms

Total Warnings: 219

Total Errors: 0

No. of SeqIDs Defined: 3481

Actual SeqID Count: 3481

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1778)
W 213	Artificial or Unknown found in <213> in SEQ ID (1779)
W 213	Artificial or Unknown found in <213> in SEQ ID (1780)
W 213	Artificial or Unknown found in <213> in SEQ ID (1781)
W 213	Artificial or Unknown found in <213> in SEQ ID (1782)
W 213	Artificial or Unknown found in <213> in SEQ ID (1783)
W 213	Artificial or Unknown found in <213> in SEQ ID (1784)
W 213	Artificial or Unknown found in <213> in SEQ ID (1785)
W 213	Artificial or Unknown found in <213> in SEQ ID (1786)
W 213	Artificial or Unknown found in <213> in SEQ ID (1787)
W 213	Artificial or Unknown found in <213> in SEQ ID (1788)
W 213	Artificial or Unknown found in <213> in SEQ ID (1789)
W 213	Artificial or Unknown found in <213> in SEQ ID (1790)
W 213	Artificial or Unknown found in <213> in SEQ ID (1791)
W 213	Artificial or Unknown found in <213> in SEQ ID (1792)
W 213	Artificial or Unknown found in <213> in SEQ ID (1793)
W 213	Artificial or Unknown found in <213> in SEQ ID (1794)
W 213	Artificial or Unknown found in <213> in SEQ ID (1795)
W 213	Artificial or Unknown found in <213> in SEQ ID (1796)
W 213	Artificial or Unknown found in <213> in SEQ ID (1797)

Input Set:

Output Set:

Started: 2009-09-29 19:53:31.668
Finished: 2009-09-29 19:53:58.061
Elapsed: 0 hr(s) 0 min(s) 26 sec(s) 393 ms
Total Warnings: 219
Total Errors: 0
No. of SeqIDs Defined: 3481
Actual SeqID Count: 3481

Error code

Error Description

This error has occurred more than 20 times, will not be displayed

SEQUENCE LISTING

<110> CANON KABUSHIKI KAISHA

<120> Probe set and method for identification of allele of HLA

<130> g10003828A

<140> 10582327

<141> 2009-09-29

<150> JP2003-430553

<151> 2003-12-25

<150> JP2003-430554

<151> 2003-12-25

<150> JP2003-430556

<151> 2003-12-25

<150> JP2003-430555

<151> 2003-12-25

<150> JP2003-430558

<151> 2003-12-25

<150> JP2003-430559

<151> 2003-12-25

<150> JP2003-430557

<151> 2003-12-25

<160> 3481

<170> PatentIn version 3.2

<210> 1

<211> 897

<212> DNA

<213> Homo sapiens

<400> 1

atggccgtca tggcgccccg aaccctctct ctgctactct cgggggccct ggccctgacc 60

cagacctggg cgggctccca ctccatgagg tattttcttca catccgtgtc ccggcccggc 120

cgcgggggagc cccgcttcat cgccgtgggc tacgtggacg acacgcagtt cgtgcggttc 180

gacagcgacg ccgcgagcca gaagatggag ccgcggggcg cgtggataga gcaggagggg 240

ccggagtatt gggaccagga gacacggaat atgaaggccc actcacagac tgaccgagcg 300

aacctgggga ccctgcgcgg ctactacaac cagagcgagg acggttctca caccatccag 360

ataatgtatg gctgcgacgt ggggcccggc gggcgcttcc tccgcgggta ccggcaggac 420

gcctacgacg gcaaggatta catcgccctg aacgaggacc tgcgctcttg gaccgcggcg 480

gacatggcag ctcagatcac caagcgcaag tgggagggcg tccatgcggc ggagcagcgg	540
agagtctacc tggaggggccc gtgcgtggac gggctccgca gatacctgga gaacgggaag	600
gagacgctgc agcgcacgga ccccccaag acacatatga cccaccaccc catctctgac	660
catgaggcca ccttgaggtg ctggggccctg ggcttctacc ctgcggagat cacactgacc	720
tggcagcggg atggggagga ccagaccag gacacggagc tcgtggagac caggcctgca	780
ggggatggaa ccttccagaa gtgggcccgt gtggtggtgc cttctggaga ggagcagaga	840
tacacctgcc atgtgcagca tgagggctctg cccaagcccc tcacctgag atgggag	897

<210> 2
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 2	
gctcccactc catgaggtat ttcttcacat ccgtgtcccg gcccgcccgc ggggagcccc	60
gcttcatcgc cgtgggctac gtggacgaca cgagttcgt gcggttcgac agcgacgccg	120
cgagccagaa gatggagccg cgggcgccgt ggatagagca ggaggggccg gagtattggg	180
accaggagac acggaatatg aaggcccact cacagactga ccgagcgaac ctggggaccc	240
tgcgcggcta ctacaaccag agcgaggacg gttctcacac catccagata atgtatggct	300
gcgacgtggg gccggacggg cgttctctcc gcgggtaccg gcaggacgcc tacgacggca	360
aggattacat cgccctgaac gaggacctgc gctcttgac cgcggcggac atggcagctc	420
agattaccaa gcgcaagtgg gaggcggctc atgcggcgga gcagcggaga gtctacctgg	480
agggccggtg cgtggacggg ctccgcagat acctggagaa cggaaggag acgctgcagc	540
gcacgg	546

<210> 3
 <211> 897
 <212> DNA
 <213> Homo sapiens

<400> 3	
atggccgtca tggcgccccg aacctctctc ctgctactct cgggggccct ggccctgacc	60
cagacctggg cgggctccca ctccatgagg tatttctcca catccgtgtc ccggccccgc	120
agtggagagc ccgcttcat cgcagtgggc tacgtggacg acacgcagtt cgtgcggttc	180
gacagcgacg ccgcgagcca gaagatggag ccgcgggcgc cgtggataga gcaggagggg	240

ccggagtatt gggaccagga gacacggaat atgaaggccc actcacagac tgaccgagcg	300
aacctgggga cctgcgcggt ctactacaac cagagcgagg acggttctca caccatccag	360
ataatgtatg gctgcgacgt ggggcccggac gggcgcttcc tccgcgggta ccggcaggac	420
gcctacgacg gcaaggatta catcgccctg aacgaggacc tgcgctcttg gaccgcggcg	480
gacatggcag ctcatatcac caagcgcaag tgggaggcgg tccatgcggc ggagcagcgg	540
agagtctacc tggagggccg gtgctgggac gggctccgca gatacctgga gaacgggaag	600
gagacgctgc agcgcacgga ccccccaag acacatatga cccaccaccc catctctgac	660
catgaggcca cctgaggtg ctgggccctg ggcttctacc ctgcggagat cacactgacc	720
tggcagcggg atggggagga ccagaccag gacacggagc tcgtggagac caggcctgca	780
ggggatggaa ccttccagaa gtgggcggct gtggtggtgc cttctggaga ggagcagaga	840
tacacctgcc atgtgcagca tgagggctctg cccaagcccc tcacctgag atgggag	897

<210> 4
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 4	
gctccactc catgaggtat ttcttcacat ccgtgtcccg gcccgccgc ggggagcccc	60
gcttcatcgc cgtgggctac gtggacgaca cgcagtctgt gcggttcgac agcgacgccg	120
cgagccagaa gatggagccg cgggcgcgct ggatagagca ggaggggccc gagtattggg	180
accaggagac acggaatatg aaggccact cacagactga ccgagcgaac ctggggaccc	240
tgcgcggcta ctacaaccag agcgaggacg gttctcacac catccagatg atgtatggct	300
gcgacgtggg gccggacggg cgcttctctc gcgggtaccg gcaggacgcc tacgacggca	360
aggattacat cgccctgaac gaggacctgc gctcttggac cgcggcggac atggcagctc	420
agatcaccaa gcgcaagtgg gaggcggctc atgcggcgga gcagcggaga gtctacctgg	480
agggccggtg cgtggacggg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 5
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 5	
gctccactc catgaggtat ttcttcacat ccgtgtcccg gcccgccgc ggggagcccc	60

gcttcatcgc cgtgggctac gtggacgaca cgcagttcgt gcggttcgac agcgacgccg	120
cgagccagaa gatggagccg cgggcgccgt ggatagagca ggaggggccg gagtattggg	180
accaggagac acggaatatg aaggcccact cacagactga ccgagcgaac ctggggaccc	240
tgcgcggcta ctacaaccag agcgaggacg gttctcacac catccagata atgtatggct	300
gcgacgtggg gccggacggg cgcttcctcc gcgggtaccg gcaggacgcc tacgacggca	360
aggattacat cgcctgaac gaggacctgc gctcttgac cgcgccggac atggcagctc	420
agatcaccaa gcgcaagtgg gaggcggctc atgcggcgga gcagttgaga gcctacctgg	480
agggccggtg cgtggacggg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 6
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 6	
gctccactc catgaggtat ttcttcacat ccgtgtcccg gcccgccgc ggggagcccc	60
gcttcatcgc cgtgggctac gtggacgaca cgcagttcgt gcggttcgac agcgacgccg	120
cgagccagaa gatggagccg cgggcgccgt ggatagagca ggagaggcct gagtattggg	180
accaggagac acggaatgtg aaggcccact cacagactga ccgagagaac ctggggaccc	240
tgcgcggcta ctacaaccag agcgaggccg gttctcacac catccagata atgtatggct	300
gcgacgtggg gccggacggg cgcttcctcc gcgggtaccg gcaggacgcc tacgacggca	360
aggattacat cgcctgaac gaggacctgc gctcttgac cgcgccggac atggcagctc	420
agatcaccaa gcgcaagtgg gaggcggctc atgcggcgga gcagcgaga gtctacctgg	480
agggccggtg cgtggacggg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 7
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 7	
gctccactc catgaggtat ttcttcacat ccgtgtcccg gcccgccgc ggggagcccc	60
gcttcatcgc cgtgggctac gtggacgaca cgcagttcgt gcggttcgac agcgacgccg	120

cgagccagaa gatggagccg cgggcgcctg ggatagagca ggaggggccc gagtattggg	180
accaggagac acggaatatg aaggccact cacagactga ccgagcgaac ctggggaccc	240
tgcgcggcta ctacaaccag agcgaggacg gttctcacac catccagata atgtatggct	300
gcgacgtggg gccggacggg cgcttctctc gcgggtaccg gcaggacgcc tacgacggca	360
aggattacat cgccctgaac gaggacctgc gctcttggac cgcgcgggac atggcagctc	420
agatcaccaa gcgcaagtgg gaggcgggtc atgcggcgga gcagcggaga gtctacctgg	480
agggctggtg cgtggacggg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 8
 <211> 897
 <212> DNA
 <213> Homo sapiens

<400> 8	
atggccgtca tgggcgcccc aacctctctc ctgtactct cgggggccct ggccctgacc	60
cagacctggg cgggctccca ctccatgagg tattttcttca catccgtgtc ccggcccggc	120
cgcggggagc cccgcttcat cgccgtgggc tacgtggacg acacgcagtt agtgcggttc	180
gacagcgacg ccgcgagcca gaagatggag ccgcgggcgc cgtggataga gcaggagggg	240
ccggagtatt gggaccagga gacacggaat atgaaggccc actcacagac tgaccgagcg	300
aacctgggga ccctgcgcgg ctactacaac cagagcgagg acggttctca caccatccag	360
ataatgtatg gctgcgacgt ggggcgggac gggcgcttcc tccgcgggta ccggcaggac	420
gcctacgacg gcaaggatta catcgccctg aacgaggacc tgcgctcttg gaccgcggcg	480
gacatggcag ctcatcac caagcgcaag tgggaggcgg tccatgcggc ggagcagcgg	540
agagtctacc tggagggccc gtgcgtggac gggtccgca gatacctgga gaacgggaag	600
gagacgctgc agcgcacgga ccccccaag acacatatga cccaccaccc catctctgac	660
catgaggcca ccctgaggtg ctgggccctg ggcttctacc ctgcggagat cactctgacc	720
tggcagcggg atggggagga ccagaccag gacacggagc tcgtggagac caggcctgca	780
ggggatggaa ccttccagaa gtgggcggct gtggtggtgc cttctggaga ggagcagaga	840
tacacctgcc atgtgcagca tgagggtctg cccaagcccc tcacctgag atgggag	897

<210> 9
 <211> 897
 <212> DNA

<213> Homo sapiens

<400> 9

atggccgtca tggcgccccg aaccctcgtc ctgctactct cgggggctct ggcctgacc	60
cagacctggg cgggctctca ctccatgagg tattttcttca catccgtgtc ccggccccgc	120
cgcggggagc cccgcttcat cgcagtgggc tacgtggacg acacgcagtt cgtgcggttc	180
gacagcgacg ccgcgagcca gaggatggag ccgcggggcg cgtggataga gcaggagggt	240
ccggagtatt gggacgggga gacacggaaa gtgaaggccc actcacagac tcaccgagtg	300
gacctgggga ccctgcgcgg ctactacaac cagagcgagg ccggttctca caccgtccag	360
aggatgtatg gctgcgacgt ggggtcggac tggcgcttcc tccgcgggta ccaccagtac	420
gcctacgacg gcaaggatta catcgccctg aaagaggacc tgcgctcttg gaccgcggcg	480
gacatggcag ctacagaccac caagcacaag tgggaggcgg cccatgtggc ggagcagttg	540
agagcctacc tggagggcac gtgcgtggag tggtccgca gatacctgga gaacgggaag	600
gagacgtgc agcgcacgga cgccccaaa acgcatatga ctcaccacgc tgtctctgac	660
catgaagcca ccctgaggtg ctgggccctg agcttctacc ctgcggagat cacactgacc	720
tggcagcggg atggggagga ccagaccag gacacggagc tcgtggagac caggcctgca	780
ggggatggaa ccttccagaa gtgggcggt gtggtggtgc cttctggaca ggagcagaga	840
tacacctgcc atgtgcagca tgagggtttg cccaagcccc tcaccctgag atgggag	897

<210> 10

<211> 546

<212> DNA

<213> Homo sapiens

<400> 10

gtcccactc catgaggtat ttcttcacat ccgtgtcccg gcccgccgc ggggagcccc	60
gcttcatcgc agtgggctac gtggacgaca cgcagttcgt gcggttcgac agcgacgccg	120
cgagccagag gatggagccg cgggcgccgt ggatagagca ggagggtccg gagtattggg	180
acgggggagc acggaaagtg aaggccact cacagactca ccgagtggac ctggggaccc	240
tgcgcggcta ctacaaccag agcgaggccg gttctcacac cgtccagagg atgtatggct	300
gcgacgtggg gtcgactgg cgttctctcc gcgggtacca ccagtacgcc tacgacggca	360
aggattacat cgccctgaaa gaggacctgc gctcttggac cgcggcggac atggcagctc	420
agaccaccaa gcacaagtgg gaggcggccc atgtggcgga gcagttgaga gcctacctgg	480
agggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540

<210> 11
<211> 875
<212> DNA
<213> Homo sapiens

<400> 11
aacctctgtc ctgtactct cgggggctct ggccctgacc cagacctggg cgggctctca 60
ctccatgagg tattttcttca catccgtgtc ccggcccggc cgcggggagc cccgcttcat 120
cgcagtgggc tacgtggacg acacgcagtt cgtgcggttc gacagcgacg ccgcgagcca 180
gaggatggag ccgcggggcg cgtggataga gcaggagggt ccggagtatt gggacgggga 240
gacacggaaa gtgaaggccc actcacagac tcatcgagtg gacctgggga ccctgcgcgg 300
ctactacaac cagagcgagg ccggttctca caccgtccag aggatgtatg gctgcgacgt 360
ggggtcggac tggcgcttcc tccgcgggta ccaccagtac gcctacgacg gcaaggatta 420
catcgccctg aaagaggacc tgcgtctctt gaccgcggcg gacatggcag ctcagaccac 480
caagcacaag tgggaggcgg cccatgtggc ggagcagttg agagcctacc tggagggcac 540
gtgctgtgag tggctccgca gatacctgga gaacgggaag gagacgctgc agcgcacgga 600
cgccccaaa acgcatatga ctcaccacgc tgtctctgac catgaagcca ccctgaggtg 660
ctgggccctg agcttctacc ctgcggagat cactctgacc tggcagcggg atggggagga 720
ccagaccag gacacggagc tcgtggagac caggcctgca ggggatggaa ccttcagaa 780
gtgggcggct gtggtggtgc cttctggaca ggagcagaga tacacctgcc atgtgcagca 840
tgagggtttg cccaagcccc tcacctgag atggg 875

<210> 12
<211> 546
<212> DNA
<213> Homo sapiens

<400> 12
gctctcactc catgaggtat ttcttcacat ccgtgtcccg gcccgccgc ggggagcccc 60
gcttcatcgc agtgggctac gtggacgaca cgcagttcgt gcggttcgac agcgacgccg 120
cgagccagag gatggagccg cgggcgcctg ggatagagca ggagggtccg gagtattggg 180
acggggagac acggaaagtg aaggccact cacagactca ccgagtggac ctggggaccc 240
tgcgcggcta ctacaaccag agcgaggccg gttctcacac cgtccagagg atgtatggct 300

gcgacgtggg gtcggactgg cgcttctctc gcgggtacca ccagtacgcc tacgacggca	360
aggattacat cgcctgaaa gaggacctgc gctcttggac cgcagcggac atggcagctc	420
agaccaccaa gcacaagtgg gaggcggccc atgtggcgga gcagttgaga gcctacctgg	480
agggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 13
 <211> 822
 <212> DNA
 <213> Homo sapiens

<400> 13	
gctctcactc catgaggtat ttcttcacat ccgtgtcccg gcccgccgc ggggagcccc	60
gcttcatcgc agtgggctac gtggacgaca cgcagttcgt gcggttcgac agcgacgccg	120
cgagccagag gatggagccg cgggcgccgt ggatagagca ggagggtccg gagtattggg	180
acggggagac acggaaagtg aagggccact cacagactca ccgagtggac ctggggaccc	240
tgcgcggcta ctacaaccag agcgaggccg gttctcacac cgtccagagg atgtatggct	300
gcgacgtggg gtcggactgg cgcttctctc gcgggtacca ccagtacgcc tacgacggca	360
aggattacat cgcctgaaa gaagacctgc gctcttggac cgcggcggac atggcagctc	420
agaccaccaa gcacaagtgg gaggcggccc atgtggcgga gcagttgaga gcctacctgg	480
agggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacggacgc ccccaaacg catatgactc accacgctgt ctctgaccat gaagccaccc	600
tgagggtgctg ggccctgagc ttctaccctg cggagatcac actgacctgg cagcgggatg	660
gggaggacca gaccaggac acggagctcg tggagaccag gcctgcaggg gatggaacct	720
tccagaagtg ggcggtctg gtggtgcctt ctggacagga gcagagatac acctgccatg	780
tgcagcatga gggtttgccc aagccctca ccctgagatg gg	822

<210> 14
 <211> 822
 <212> DNA
 <213> Homo sapiens

<400> 14	
gctctcactc catgaggtat ttcttcacat ccgtgtcccg gcccgccgc ggggagcccc	60
gcttcatcgc agtgggctac gtggacgaca cgcagttcgt gcggttcgac agcgacgccg	120
cgagccagag gatggagccg cgggcgccgt ggatagagca ggagggtccg gagtattggg	180

acggggagac acggaagtg aagggccact cacagactca ccgagtggac ctggggaccc	240
tgcgcggtta ctacaaccag agcgaggccg gttctcacac cgtccagagg atgtatggct	300
gcgacgtggg gtcggaactgg cgattcctcc gcgggtacca ccagtacgcc tacgacggca	360
aggattacat cgccctgaaa gaggacctgc gctcttggac cgcggcggac atggcagctc	420
agaccaccaa gcacaagtgg gagggcgccc atgtggcgga gcagttgaga gcctacctgg	480
agggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacggacgc ccccaaacg catatgactc accacgtgt ctctgaccat gaagccaccc	600
tgaggtgctg ggccctgagc ttctaccctg cgagatcac actgacctgg cagcgggatg	660
gggaggacca gaccaggac acggagctcg tggagaccag gcctgcaggg gatggaacct	720
tccagaagtg ggcggtgtg gtggtgcctt ctggacagga gcagagatac acctgccatg	780
tgcagcatga gggtttgccc aagccctca ccctgagatg gg	822

<210> 15
 <211> 822
 <212> DNA
 <213> Homo sapiens

<400> 15	
gctctcactc catgaggtat ttcttcacat ccgtgtcccg gcccgccgt ggggagcccc	60
gcttcatcgc agtgggctac gtggacgaca cgcagttcgt gcggttcgac agcgacgccg	120
cgagccagag gatggagccg cgggcgccgt ggatagagca ggagggtccg gagtattggg	180
acggggagac acggaagtg aagggccact cacagactca ccgagtggac ctggggaccc	240
tgcgcggtta ctacaaccag agcgaggccg gttctcacac cgtccagagg atgtatggct	300
gcgacgtggg gtcggaactgg cgcttctcc gcgggtacca ccagtacgcc tacgacggca	360
aggattacat cgccctgaaa gaggacctgc gctcttggac cgcggcggac atggcagctc	420
agaccaccaa gcacaagtgg gagggcgccc atgtggcgga gcagttgaga gcctacctgg	480
agggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacggacgc ccccaaacg catatgactc accacgtgt ctctgaccat gaagccaccc	600
tgaggtgctg ggccctgagc ttctaccctg cgagatcac actgacctgg cagcgggatg	660
gggaggacca gaccaggac acggagctcg tggagaccag gcctgcaggg gatggaacct	720
tccagaagtg ggcggtgtg gtggtgcctt ctggacagga gcagagatac acctgccatg	780
tgcagcatga gggtttgccc aagccctca ccctgagatg gg	822

<210> 16
<211> 822
<212> DNA
<213> Homo sapiens

<400> 16
gctctcactc catgaggtat ttcttcacat ccgtgtcccg gcccggccgc ggggagcccc 60

gcttcatcgc agtgggctac gtggacgaca cgcagttcgt gcggttcgac agcgacgccg 120

cgagccagag gatggagccg cgggcgccgt ggatagagca ggagggtccg gagtattggg 180

acggggagac acggaaagtg aaggccact cacagactca ccgagtggac ctggggaccc 240

tgcgcggtta ctacaaccag agcgaggccg gttctcacac cgtccagagg atgtatggct 300

gcgacgtggg gtcggactgg cgcttcctcc gcgggtacca ccagtacgcc tacgacggca 360

aggattacat cgcctgaaa gaggacctgc gctcttgac cgcgccggac atggcagctc 420

agaccaccaa gcacaagtgg gaggcggccc atgtggcgga gcagttgaga gcctacctgg 480

agggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc 540

gcacggacgc ccccaaacg catatgactc accacgctgt ctctgaccat gaagccaccc 600

tgagggtgctg ggccctgagc ttctaccctg cggagatcac actgacctgg cagcgggatg 660

gggaggacca gaccaggac acagagctcg tggagaccag gcctgcaggg gatggaacct 720

tccagaagtg ggcggtgtg gtggtgcctt ctggacagga gcagagatac acctgccatg 780

tgcagcatga gggtttgccc aagccctca ccctgagatg gg 822

<210> 17
<211> 822
<212> DNA
<213> Homo sapiens

<400> 17
gctctcactc catgaggtat ttcttcacat ccgtgtcccg gcccggccgc ggggagcccc 60

gcttcatcgc cgtgggctac gtggacgaca cgcagttcgt gcggttcgac agcgacgccg 120

cgagccagag gatggagccg cgggcgccgt ggatagagca ggagggtccg gagtattggg 180

acggggagac acggaaagtg aaggccact cacagactca ccgagtggac ctggggaccc 240

tgcgcggtta ctacaaccag agcgaggccg gttctcacac cgtccagagg atgtatggct 300

gcgacgtggg gtcggactgg cgcttcctcc gcgggtacca ccagtacgcc tacgacggca 360

aggattacat cgcctgaaa gaggacctgc gctcttgac cgcgccggac atggcagctc 420

agaccaccaa gcacaagtgg gaggcggccc atgtggcgga gcagttgaga gcctacctgg	480
agggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacggacgc ccccaaacg catatgactc accacgctgt ctctgaccat gaagccaccc	600
tgaggtgctg ggccttgagc ttctacctg cggagatcac actgacctgg cagcgggatg	660
gggaggacca gaccaggac acggagctcg tggagaccag gcctgcaggg gatggaacct	720
tccagaagtg ggcggctgtg gtggtgcctt	